

Monoclonal Antibody to

Amyloid β A4 (1-40), C-Terminus clone 5C3

Order No.:	0060-100 / bA4(40)-5C3	Last Modified	09.02.2005
Size (μ g)	100		
Lot No.:	0060S		
Host:	Mouse		
Isotype:	IgG1		
Immunogen:	C-terminal peptide conjugated to KLH		
Epitope:	C-Terminus of Amyloid β A4 (1-40), does not crossreact with Amyloid β A4 (1-42)		

Species Reactivity

Human	Mouse	Rat	Dog
<input type="text" value="yes"/>	<input type="text" value="ND"/>	<input type="text" value="ND"/>	<input type="text" value="ND"/>

Background & Specificity:

Mab β A4 (40) - 5C3 specifically interacts with the C-Terminus of β -Amyloid (1 - 40) and does not crossreact with β -Amyloid (1 - 42).

Related Products:

Mab bA4(42)-8G7 specifically recognizing the C-terminus of bA4 (1-42) and not crossreacting with bA4 (1-40).

Mab bA4(43)-6G12 specifically recognizing the C-terminus of bA4 (1-43) and not crossreacting with bA4 (1-40) and bA4(42).

Mab bA4(40/42)-9F1 recognizing both Amyloid Beta A4 (1-40) and (1-42).

Mab bA4N-19H5 directed against the N-Terminus of Amyloid Beta A4; crossreacts with APP.

Mab bA4N-19H11 directed against the N-Terminus of Amyloid Beta A4; shows only minor crossreaction with APP.

Purification:	The antibody was purified from serum-free cell culture supernatant by subsequent thiophilic adsorption and size exclusion chromatography.
Formulation:	lyophilized from 1 ml 2 x PBS / 0.09% Na-azide / PEG and Sucrose.
Reconstitution:	Reconstitute with 1 ml H ₂ O (15 min, RT).
Stability:	Upon reconstitution, aliquote and freeze in liquid nitrogen; reconstituted antibody can be stored frozen at -80°C up to 1 year. Thaw aliquots at 37°C. Thawed aliquots may be stored at 4°C up to 3 months.
	Avoid repeated freeze / thaw cycles
Positive Control:	none
Immunoblotting:	1.0 μ g/ml for AP/BCIP/NBT (MTT) detection; 0.5 μ g/ml for HRPO/ECL detection
Immunoprecipitation	
Immunocytochemistry	use at 1 - 10 μ g/ml
ELISA:	use at 0.1 μ g/ml

All products are supplied for research and investigational use only. Not for use in humans.